RUN COMPREHENSIVE MATERIAL TRIALS ON-SITE

- State-of-the-art pilot plant offers customers the opportunity to run trials to optimize their process
- Lab equipment includes a 43mm twin-screw extruder, feeder systems and downstream equipment
- Test material formulations, develop screw layouts, make pellets, extrude profiles, improve downstream operations, scale up to production
- Experienced ENTEK engineers on-hand to support your entire pilot plant experience
Features

- Flexible barrel layout to accommodate various injection, vent and side feeding options
- ENTEK’s QC³ 43mm Twin Screw Extruder 52:1 L/D capable of 1200 RPM via a 200 HP motor Flexible Barrel Arrangement
- Brabender Gravimetric Feeders (Powder, Pellet, Flake, and Liquid)
- Cole Palmer Peristaltic Volumetric Liquid Pump
- Melt Pump
- Screen Changer
- Gala Underwater Pelletization
- Strand Die, Water Bath, Air Knife, Pelletizer
- Profile Extrusion, Water Cooling, and Cutting
- 30° Flex Lip Sheet Die (Maximum Gap: .150")
- 48mm Side Feeder
- Two 37mm QC³ Side Feeders/Vent Stuffers
- Marion Mixer (Model 2041) with a mixing capacity of 15 cubic feet